AIDA 1430: Artificial Intelligence

A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 3
Lab Hours/Week: 0
OJT Hours/Week: *

Prerequisites:
This course requires the following prerequisite
   AIDA 1420 - Machine Learning (Number of Years Valid: 5)
Corequisites: None
MnTC Goals: None

This course introduces artificial intelligence (AI) as a system comprised of perception, machine learning algorithms, and action. Topics include the goals of AI, machine learning algorithms, graph searching, neural networks, and the history of AI. Students must have a computer running C, Python, NumPy, matplotlib, scikit-learn, and TensorFlow. Students must be able to install new software and libraries on their computer.

B. COURSE EFFECTIVE DATES: 04/30/2024 - Present

C. OUTLINE OF MAJOR CONTENT AREAS
   None

D. LEARNING OUTCOMES (General)
   None

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies
   None

F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted